What is claimed is:

An optical pickup device comprising:

an objective lens;

a light source composed of a blue semiconductor laser with a wavelength ranging from 400 nm to 415 nm; and

a collimator lens for collimating light from said light source to provide substantially-collimated light, wherein Abbe number v of a glass material of said collimator lens satisfies 61 < v < 90, a linear expansion coefficient α satisfies 55 < 10 7 x α /K < 120, and a refractive index temperature coefficient (dn/dt) satisfies -1.8 < 10 6 x (dn/dt)/K < +1.5.

2. An optical recording and reproducing apparatus comprising:

an optical pickup device; and

control means for controlling driving of said optical pickup device, said optical pickup device comprising:

an objective lens, a light source composed of a blue semiconductor laser with a wavelength ranging from 400 nm to 415 nm and a collimator lens for collimating light from said light source to provide substantially-collimated light, wherein Abbe number v of a glass material of said collimator lens satisfies 61 < v < 90, a linear expansion coefficient α satisfies 55 < 10⁷ x α /K < 120, and a refractive index temperature coefficient (dn/dt) satisfies -1.8 < 10⁶ x (dn/dt)/K < +1.5.